Observations of the November Meteors, made at the Royal Observatory, Greenwich, in the Year 1875.

(*Communicated by the Astronomer Royal.*)

Greenwich Mean Solar Time 1875.	Apparent size of Meteor in Star Magnitude.	Observer.	Path of Meteor with reference to the Stars.	No. for Reference.
d h m s				
Nov. 13 13 39 10 ±	> 1	E.	From region of upper part of *Cancer* moved towards zenith. Observed through a break in the clouds. [Very cloudy night throughout.]	1
14 12 53 50	> 1	N.	Moved from direction of δ *Draconis* towards α *Cygni*. Estimated length of path = 6°	2
„ 13 2 40	2	G.	Shot downwards from α *Ursæ Majoris*, and disappeared between γ and δ *Ursæ Majoris*, but nearer to δ *Ursæ Majoris*	3
„ 13 48 38	> 1	N.	From a point about 5° below γ *Ursæ Majoris* fell vertically, passing almost midway between η *Ursæ Majoris* and α *Canum Venaticorum*. Estimated length of path = 16°	4
„ 14 14 20	1	G.	Shot from α *Orionis* towards *Sirius*	5
„ 14 31 27	2	N.	From direction of ε *Leonis* passed across ζ *Hydræ*. Estimated length of path = 5°	6
„ 14 32 39	2	N.	Passed across α *Orionis* towards γ *Orionis*. Estimated length of path = 6°	7
„ 14 46 13	1	N.	Appeared at a point about 5° below μ *Ursæ Majoris* and about 8° to right of ψ *Ursæ Majoris*. [Very short motion = 0°·5.]	8
„ 14 46 49	1	N.	From direction of γ *Ursæ Minoris* passed across ι *Draconis*. Estimated length of path = 10°	9
„ 14 48 35	2	N.	From direction of δ *Leonis* passed about 10° below α *Canum Venaticorum*. Estimated length of path = 12°	10
„ 14 49 17	1	N.	From a point about 10° below *Regulus* fell at an angle of 30° from vertical to left: disappeared about 15° to left of α *Hydræ*	11
„ 15 9 41	1	G.	Shot from about midway between α and β *Ursæ Majoris* towards κ *Draconis*	12

Greenwich Mean Solar Time 1875.	Apparent size of Meteor in Star Magnitude.	Observer.	Path of Meteor with reference to the Stars.	No. for Reference.
d h m s				
Nov. 14 15 15 1	2	G.	Appeared near α *Orionis*, and disappeared near β *Orionis*	13
„ 15 21 36	1	G.	Shot from θ *Geminorum* towards *Castor*	14
„ 15 26 51	1	G.	Shot from ε *Ursæ Majoris* towards η *Ursæ Majoris*	15
„ 15 30 57	2	N.	Moved from direction of a point midway between η *Ursæ Majoris* and α *Canum Venaticorum* towards γ *Boötis*. Estimated length of path = 5°	16
„ 15 36 40	2	N.	From direction of γ *Ursæ Majoris* towards ψ *Ursæ Majoris*. Estimated length of path = 5°	17
„ 15 41 34	> 1	N.	Center of path about 10° to right of *Sirius*, moving from direction of α *Cancri* towards ε *Canis Majoris*. Estimated length of path = 8°	18
„ 15 58 52	1	N.	Center of path 15° below α *Hydræ*, moving from direction of *Regulus*. Estimated length of path = 5°	19
„ 16 3 7	3	G.	Shot from γ *Geminorum*, at an angle of 45° towards west	20
„ 16 9 33	2	G.	Shot from *Castor* towards γ *Geminorum*	21
„ 16 11 24	1	G.	Shot from *Aldebaran* towards γ *Orionis*	22
„ 16 14 22	2	G.	Shot from *Procyon* towards *Sirius*	23
„ 16 24 32	1	G.	Shot from *Sirius* towards β *Canis Majoris*	24
„ 16 43 3	2	G.	Shot from ζ *Draconis* towards β *Draconis*	25
„ 16 49 3	1	N.	From direction of α *Canum Venaticorum*, passed about 2° N. of *Arcturus*. Estimated length of path = 12°	26

As regards colour, Nos. 2 and 6 were recorded as being "white"; Nos. 3 to 5 and 7 to 26 were noted as "bluish white"; Nos. 1. 4, and 18 were considered to be equal in magnitude to the planet *Jupiter*.

The meteors Nos. 1, 2, 6, 7, 10, 11, 12, 13, 18, 19, 23, and 24 were from the *Leo* radiant; probably No. 20 also. The remaining meteors were from other radiants. The observations were all made in bright moonlight, consequently only, comparatively speaking, large meteors would be seen.

The initials E., N., and G. are those of Mr. Ellis, Mr. Nash, and Mr. Greengrass.

Royal Observatory, Greenwich,
1876, *March* 8.